least 45°C, and said material has a surface and said surface has a Bekk smoothness of from 5 to 800 s.

19. The recording material according to claim 18, wherein the organic polymeric material is a polymer which has been thermally crosslinked by the action of heat and/or UV radiation.

20. The recording material according to claim 18, wherein the back layer has a Bekk smoothness of from 5 to 600 s.

21. The recording material according to claim 18, wherein the back layer has on its surface a structure consisting of longitudinal or transverse grooves, where the ratio of the Ra values to one another is at least 5, and the ratio of the Rz ratios to one another is at least 6.

22. The recording material according to claim 18, wherein the structure of the back layer is direction-dependent.

23. The recording material according to claim 18, wherein the radiation-sensitive layer located on the front of the support is positive-working.

24. The recording material according to claim 18, wherein the radiation-sensitive layer located on the front of the support is negative-working.

25. The recording material according to claim 18, wherein the radiation-sensitive layer located on the front of the support works on the basis of silver halide.

26. The recording material according to claim 18, wherein the radiation sensitive layer located on the front of the support is thermally positive-working or thermally negative-working.

27. A process for the production of the recording material according to claim 18, which comprises applying the back layer by roller application.

28. The process according to claim 27, wherein the roller application is direct roller application.

29. The process according to claim 27, wherein the roller application is indirect roller application.